5

SPLIT

DART AEROSPACE LTD	Work Order:	21966A
Description: 3" Skidtube Heavy "I Beam"	Part Number:	D2600-7-140
Dwg: D2600 Rev. D1	Qty:	54 2293
		Page 1 of 1

Step	Location	Procedure	By	Date	Qty
1	DC	Issue Traveler	A	01.11,25	-
2	PG	a) Extrude as per Dwg D2600 b) Material: 6061-T6 (QQ-A-200/8) c) Minimum yield tensile strength = 35 ksi d) Minimum ultimate tensile strength = 40 ksi e) Minimum elongation = 8% f) Order at 140" long g) Caradon Indalex Tool # MS-18872 h) To be packed per DSK 066 i) Pull test to ASTM standard B221 required. j) Material certification is required	И	04-11-75	93
3	RG	Receive and Inspect for transit damage Ensure certification is attached	CL	04112117	54
4	QC6	Inspect dimensions as per Dwg D2600 Check Pull test as per Dwg D2600 for compliance page attached. Check hardness with Webster tester	6	05.01.04	64
5	ST	Identify and Stock	D	05-1-4	54
6	AC	Cost / part: 36,98 Close W/O 36.98	540	08/01/05	54
7	DC	Close W/O 36.9 Y Inspect Level 21	HA	05.01.06	54

Rev	Date	Change	Revised By	Approved
Α	04.11.25	New Issue	KJ/RF	KF



W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector	

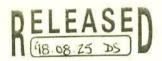
NCR: WORK ORDER NON-CONFORMANCE					E (NCR)	NCR)		
N. C.		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Design Mgr	QC Inspecto
	As A							
(24)	494							
	Sin 1							23
	2.24							
Elige I		S SALES						
	1							
	4.0		-					
	200							
	74							

Part No:	PAR #:	Fault Category: NCR:	Yes	NO	DQA:	Date:		-
NOTE: Date & initial all entries			QA: N	I/C C	losed:	Date:	e I	





DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
CHECKED	APPROVED	DRAWING NO. REV. D D2600 SHEET 1 OF 5			
DATE 98.08.20		TITLE SCALE EXTRUSION 1:1			
A	97.01.21	NEW ISSUE			
В	97.09.09	CHANGE MATERIAL SPEC.			
С	98.04.16	ADD D2600-3, UPDATE D2600-1 WIDTH, ADD DIE NO.			
D	98.08.20	INCREASE MIN. UTS TO 40 KSI			
DI	01-04-17	ADD PART NUMBERS + DIE NUMBERS + 4			



GENERAL NOTES

1. MATERIAL: 6061-T6 (QQ-A-200/8)

MINIMUM YIELD TENSILE STRENGTH = 35 ksi MINIMUM ULTIMATE TENSILE STRENGTH = 40 ksi MINIMUM ELONGATION = 8 %

A SAMPLE FROM EACH BATCH WILL BE PULL TESTED TO ASTM STANDARD B221 BY AN APPROVED TESTING FACILITY TO ENSURE THAT THE BATCH MEETS THE ABOVE MINIMUM MECHANICAL PROPERTIES.

- BREAK ALL SHARP CORNERS 0.010 MAX. 2.
- 3. NO TOOLING MARKS.
- TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE 4. NOTED.
- 5. ALL DIMENSIONS ARE IN INCHES.

SHOP COPY RETURN TO ENGINEERING

UNCONTROLLED COPY

SULLETT TO AMENDMENT " ROUT NOTICE

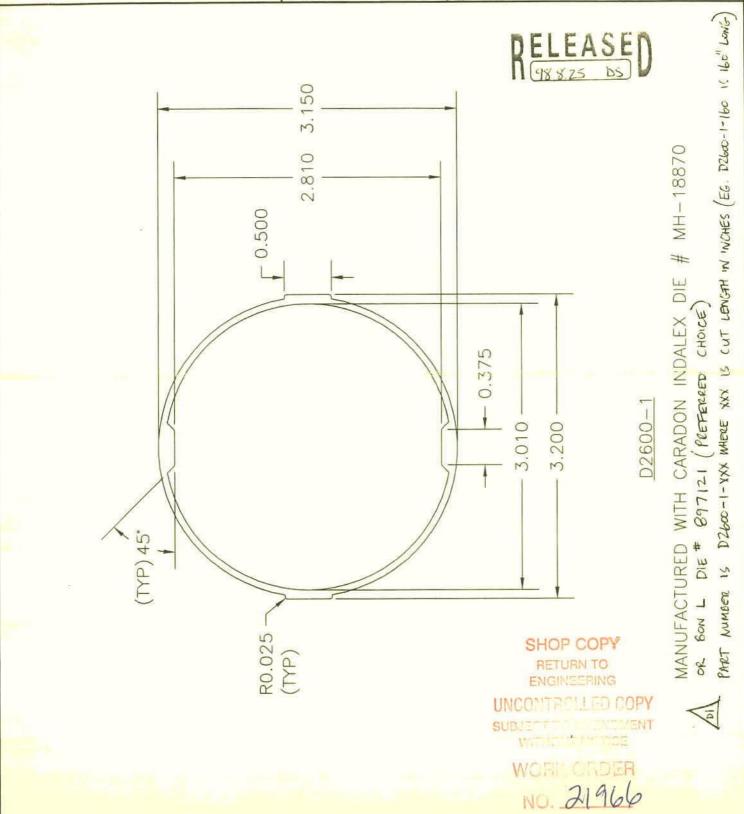
> WORK ORDER NO. 21966

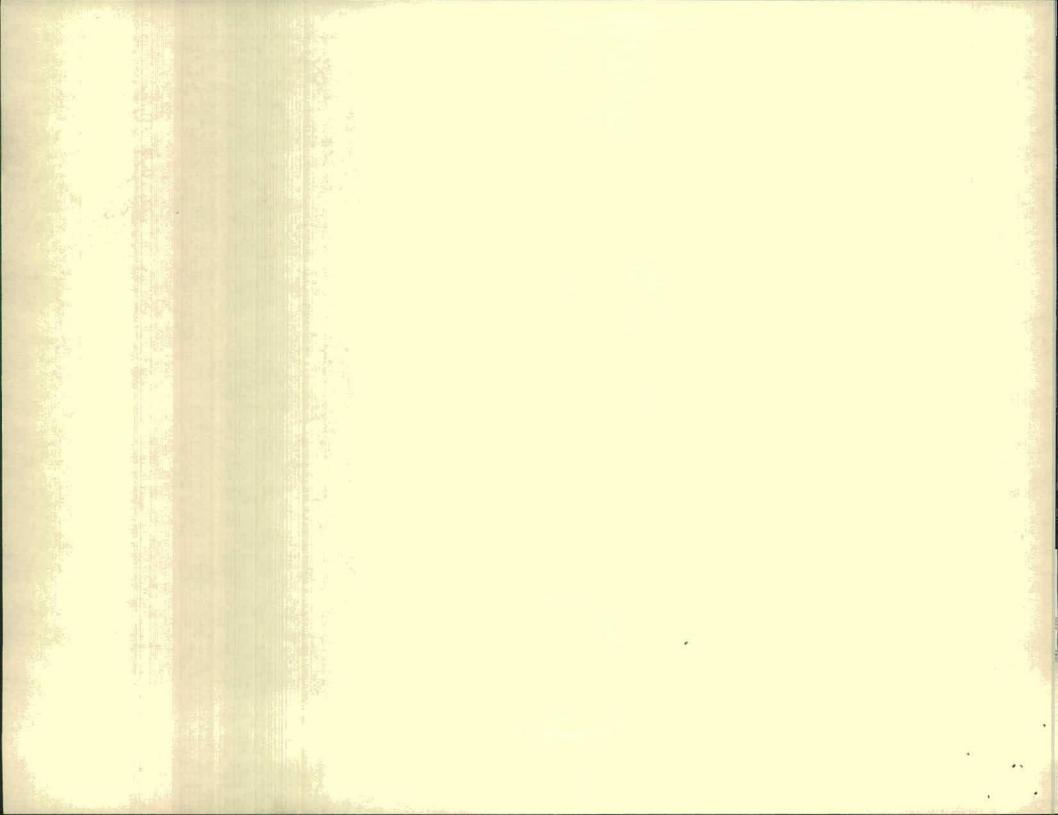






DESIGN	DRAWN BY		RT AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
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DATE	A.	TITLE	SCALE		
98.08.20		EXTRUSION	1:1		

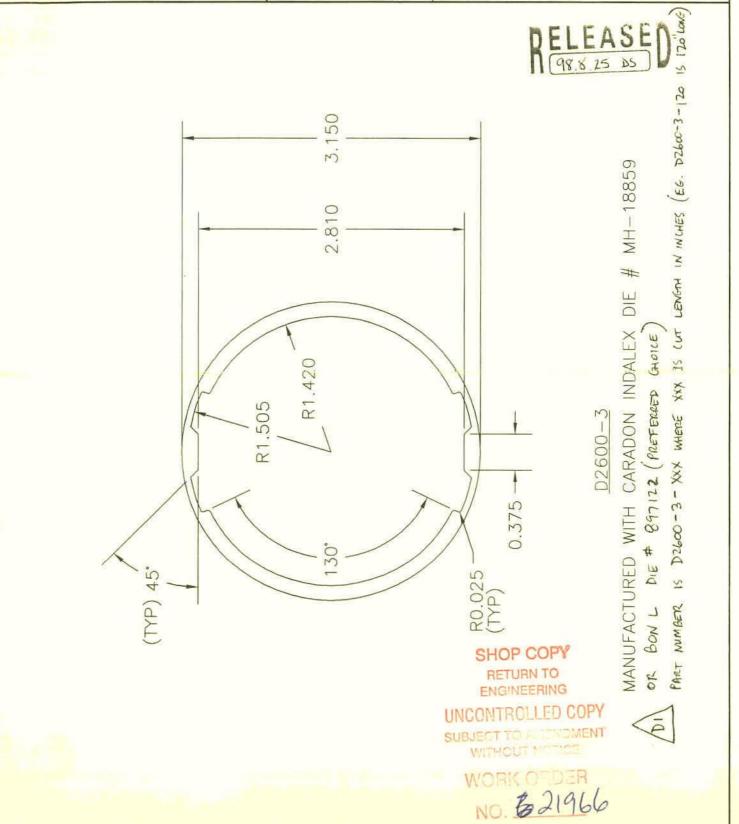


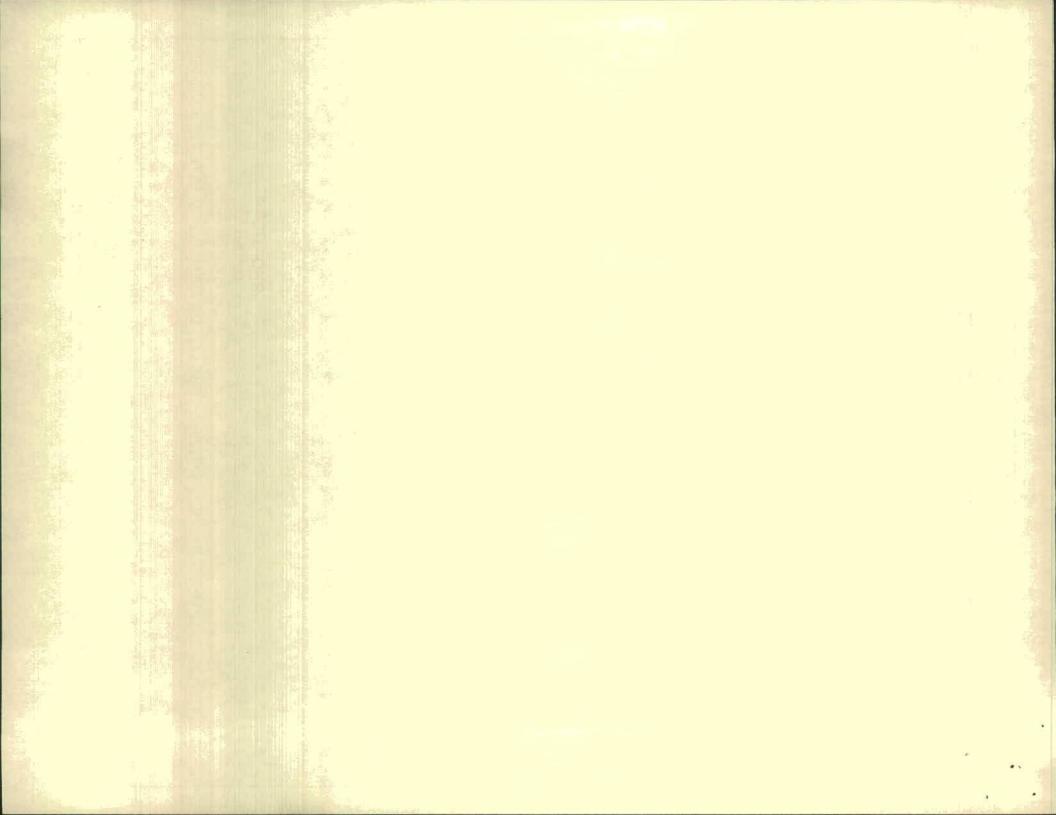






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DATE		TITLE	SCALE		
98.08.20		EXTRUSION	1:1		



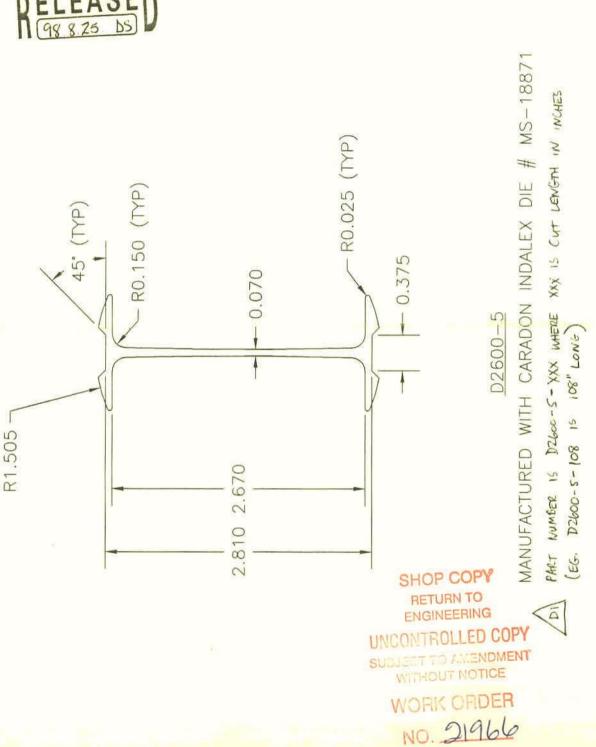


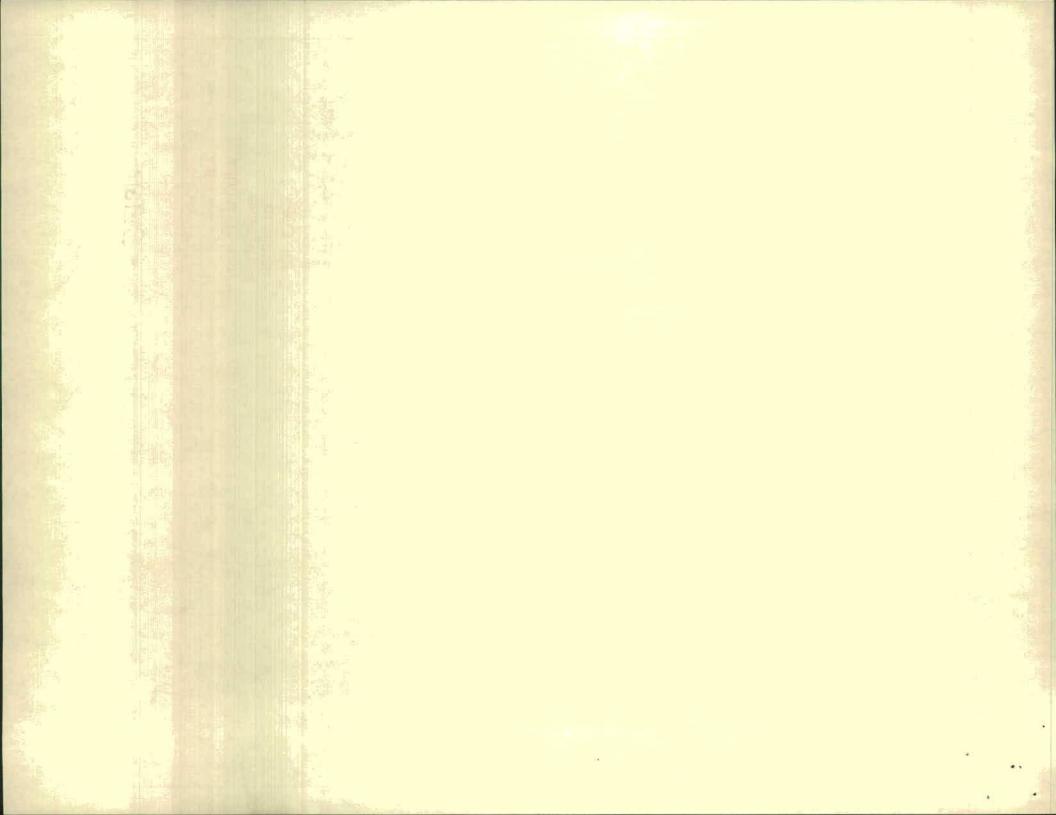




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98.08.20		TITLE EXTRUSION	SCALE 1:1





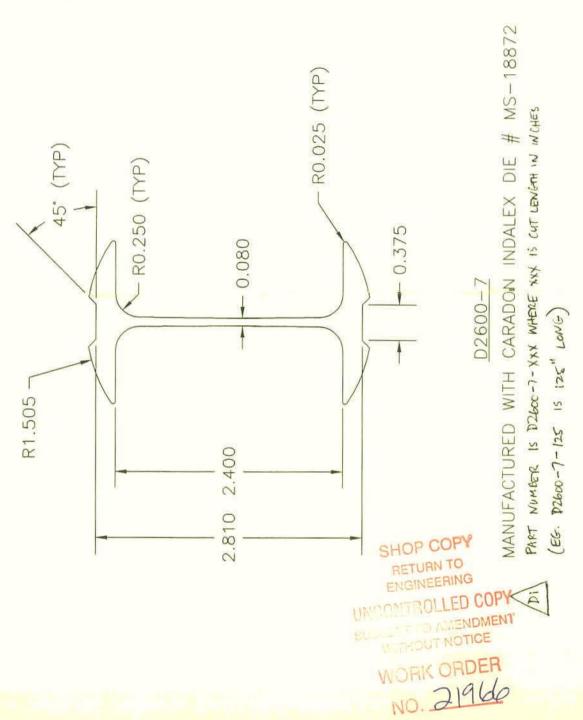


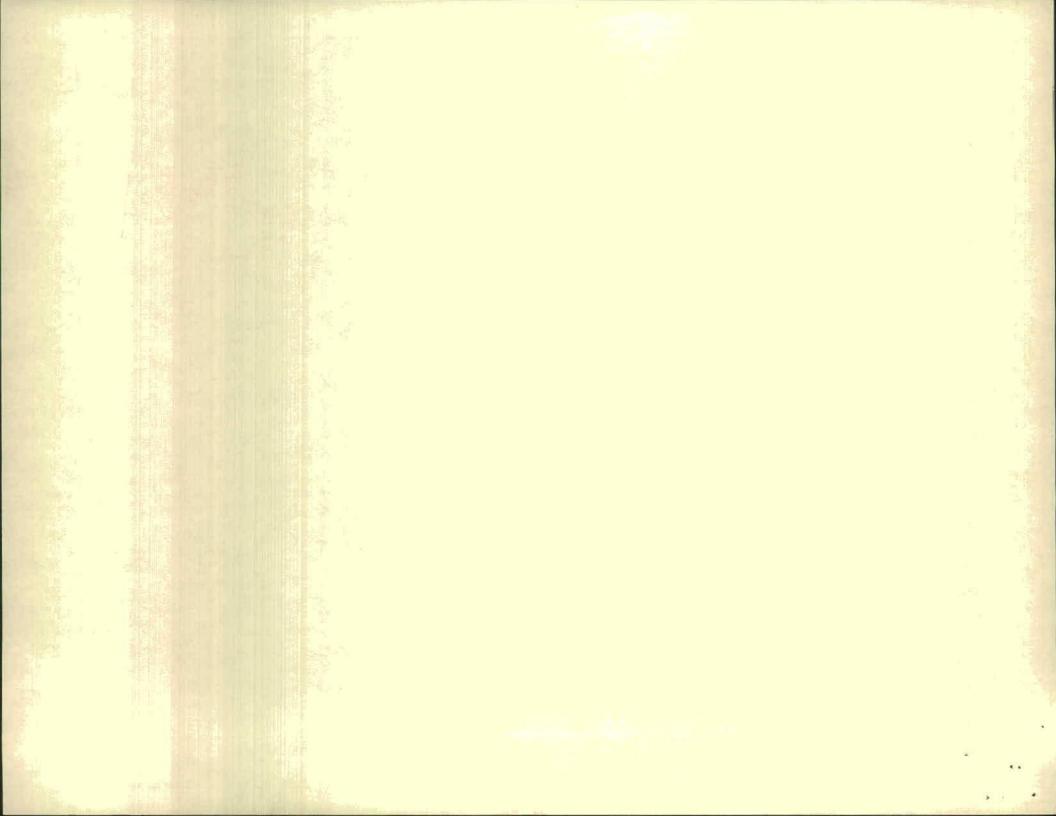




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	CHECKED	APPROVED	DRAWING NO. D2600	REV. D SHEET 5 OF 5
	DATE		TITLE	SCALE
	98.08.20		EXTRUSION	1-1







Job Costing Report

Dart Aerospace Ltd. Hawkesbury

Nov 25, 2004 10:58 am

Work Order No	: 0021966		
Project Name	: D2600-7-140	Department Code:	
Project For	: WK451	Burden Flags :	NNNNNNN
	: Main		Open
Main WO Number	*!	Invoice State :	Not Invoiced
House Part Number	: D2600-7-140	Invoice Date :	
Description : EX		Invoice Number :	
Manufactured : Ye		Invoice Amount :	0.00
Amount Req'd :	80		
Amount Done :		Order Entry No :	
Start Date	: 11-25-04	OE Value :	0.00
Est Finish Date	: 12-11-04		
		2	0

Est Margin : 0.000% Act Finish Date : Drawings Reqd : No Ok for Approval : Actual Margin : 0.000% Approval Rec'd :

\$0 Posted to Finished Goods

	Estimated	Actual	Var. %	Posted	To Post
Material Cost	0.00	0.00	0.00	0.00	0.00
Engineering Hours	0.00	0.00	0.00		
Engineering Cost	0.00	0.00	0.00	0.00	0.00
Production Hours	0.00	0.00	0.00		
Production Cost	0.00	0.00	0.00	0.00	0.00
Packaging Hours	0.00	0.00	0.00		
Packaging Cost	0.00	0.00	0.00	0.00	0.00
OverHead Hours	0.00	0.00	0.00		
OverHead Cost	0.00	0.00	0.00	0.00	0.00
CNC Hours	0.00	0.00	0.00		
CNC	0.00	0.00	0.00	0.00	0.00
Misc. Hours	0.00	0.00	0.00		
Misc.	0.00	0.00	0.00	0.00	0.00
	========	========	======		
Burden	0.00	0.00	0.00		
	========	=======	======		
Total Cost	0.00	0.00	0.00		
Margin	0.000	0.000		AND ROBERT FOR THE	
Selling Cost	0.00	0.00			

		Estimated	Actual
Labour Hrs/Amount Done	:	0.00	0.00
Profits/(Loss)	:	0.00	0.00



POINTE-CLAIRE (QUESEC) HOR SWO TEL 514-697-5120 > FAX: 514-694-8310

P/S#: 462128 4113326 1

DART AEROSPACE LTD. 1270 ABERDEEN STREET HAWKESBURY, ONT

K6A1K7

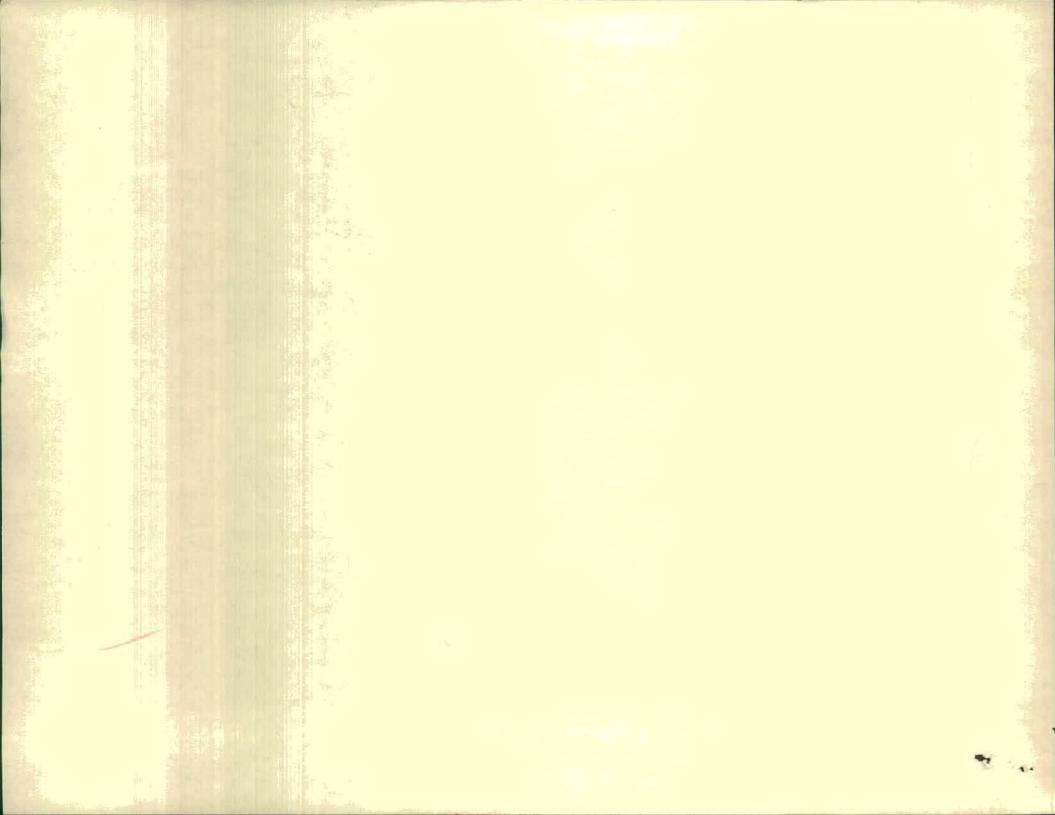
CUSTOMER P.S.T. : *6122-5207

INDALEX G.S.T. REG NO: R136834041

Required Date: 201355 XXXXXX 2007196 4/11/26 4/11/30 SALE EN OTTAWA 17 DEC. 4/12/16 COMMANDE / ORDERED CETTE EXPEDITION F EXTRUDE ONLY DUE=2004/12/17 RUSH 500 93 MS 18872 D2600-7 6061 3556 288 54 POIDS EN KGS D-2600-7 HEAVY DUTY BUNDLE= 597612 We hereby certify that the material supplied meets the chemical properties as published by the Aluminum Association, and requirements of our Quality procedures

EXEMPLAINE DE LA COMPTABILITÉ

REUILLE D'EMPAQUETAGE PACKING SLIP





325 rue Avro Pointe-Claire QC H9R 5W3

Téléphone (514) 697-5120 Fac-simile (514) 694-8310

Rapport des propriétés mécaniques **Mechanical Properties Test Report**

Client / Customer:

DART AEROSPACE LTD

Adresse / Address :

1270 ABERDEEN STREET

HAWKESBURY ONT,

K6A 1K7

commande Indalex / Indalex order #:

4113326

bon de commande / Purchase order # :

2007196

de matrice / Die #:MS 18872 Description : D-2600-7 Heavy Duty Web

Alliage & trempage / Alloy & temper :

6061 T6

de coulée / Cast #:

04111981A

de contrôle / Control #:

73756-2

Composition chimique typique / Typical chemical composition:

Si:0.50-0.70/ Fe:0.13-0.25/ Cu:0.15-0.25/ Mn:0.10max / Mg:0.80-1.00 / Cr:0.04-0.14 / Zn:0.05max / Tl:0.05max

Dureté Rockwell E / Rockwell E Hardness: 89 HRE

Min.requis Min.required		Résultat actuel Actual results	
Contrainte élastique Yield stress (psi)	35 000	35011	
Tension ultime Ultimate stress (psi)	38 000	38344	
% élongation dans 2" % elongation in 2"	8	9) 70	

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par l'Association de l'Aluminium ainsi que les exigences de nos procédures de contrôle de qualité.

We hereby certify that the material supplied meets the chemical properties as published by the Aluminum Association, and requirements of our quality control procedures.

Sincèrement vôtre,

Yours truly,

date: 15/12/04

Alain Gignac

Superviseur de la qualité Quality Supervisor

Indalex Limited

